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(71) Applicant (for all designated States except US): TELECOM ITALIA S.P.A. [IT/IT]; Piazza Degli Affari, 2, I-20123 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BAIAMONTE, Valeria [IT/IT]; Via San Paolo, 45, I-10141 Torino (IT). FRANCESCHINI, Daniele [IT/IT]; Telecom Italia s.p.a., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) Agent: GIANNESI, Pier, Giovanni; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

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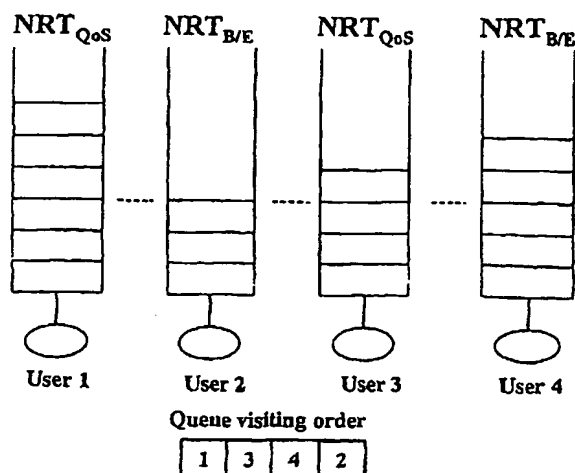
Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR MANAGING THE TRANSMISSION OF INFORMATION PACKETS IN A TELECOMMUNICATION NETWORK



(57) Abstract: To manage the transmission of information packets on channels of a telecommunication network, the packets are organised into user queues received in respective buffers, measuring the occupancy level of the buffers. The users are sorted into respective classes (RT, NRT) identified by the service mode requested. After determining the propagation conditions on the transmission channel respectively associated to said users, the priority in the transmission of the packets is determined, choosing the order in which the respective queues are visited as a function of: - a first level priority, linked to whether the users belong to the respective classes of service (RT, NRT), - a second level priority, linked to at least a parameter chosen between the level of occupancy of the respective buffer and the propagation conditions of the respective channel.



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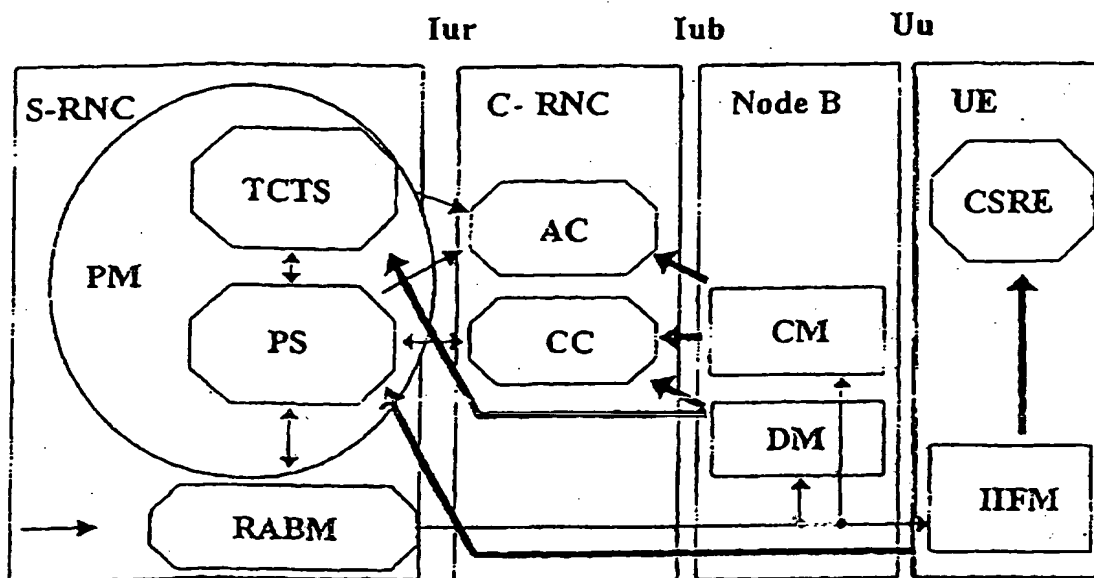
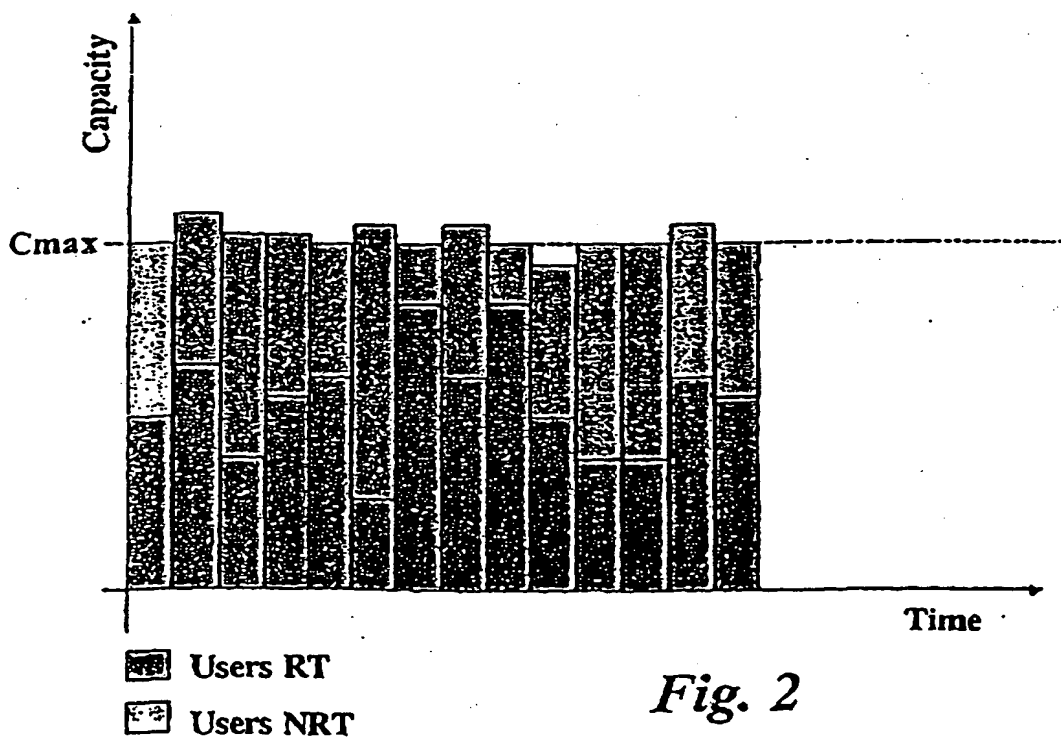
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*Fig. 1**Fig. 2*

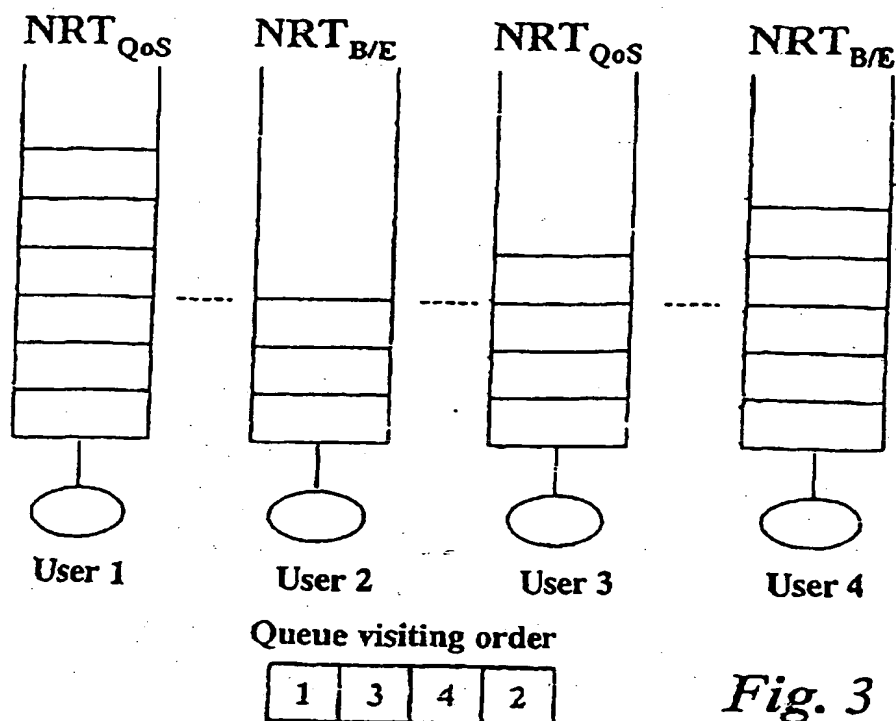


Fig. 3

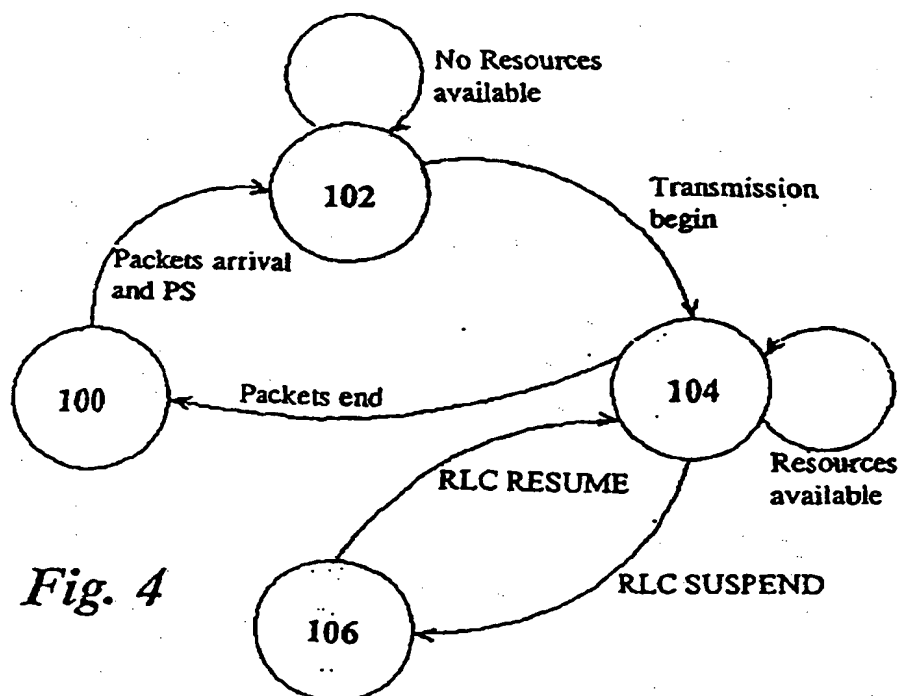
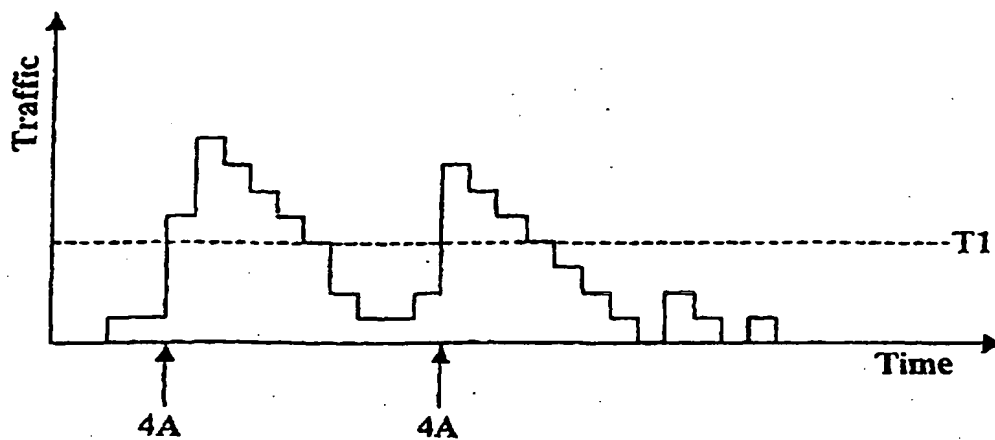
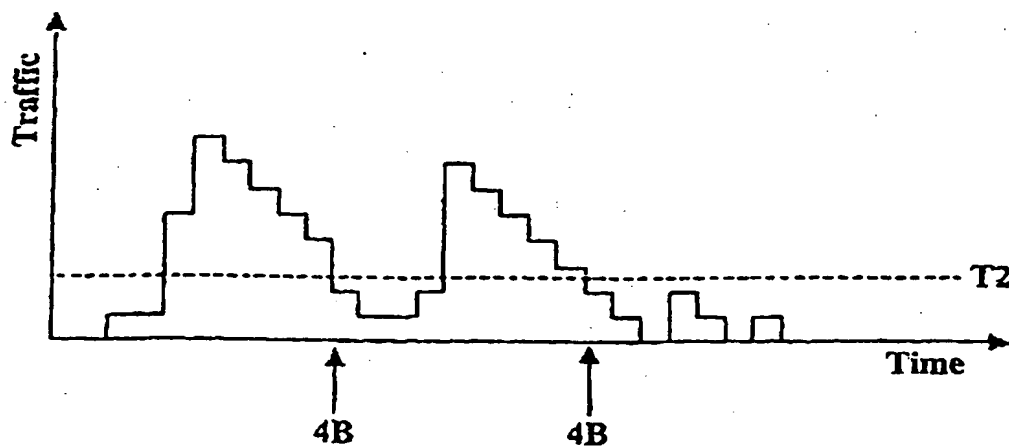


Fig. 4

*Fig. 5**Fig. 6*